

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A trainable transceiver system for providing an activation signal characteristic to a portable transmitter; ~~the portable transmitter configured to store the activation signal characteristic and to complete a transmission based on the stored activation signal characteristic, the portable transmitter having an optical receiver, the trainable transceiver system comprising:~~

a transceiver configured to receive a characteristic of an activation signal from an original transmitter for actuating a remote device;

a light emitting diode (LED) configured to transmit the characteristic of the activation signal via an optical transmission to the optical receiver of ~~[[the]]~~a portable transmitter; and

a control circuit configured to store the characteristic of the activation signal in a memory, and to cause the LED to transmit the stored characteristic of the activation signal in response to an input signal from an operator input device, wherein the control circuit is further configured to cause the transceiver to transmit the activation signal in response to the input signal from the operator input device, wherein the control circuit is further configured to light the LED in response to the input signal from the operator input device and during a training process of the trainable transceiver system to visually communicate information to a user of the system, wherein the control circuit is further configured to modulate the LED, while the LED is lit for visually communicating information to the user, to create a light signal having data packets for transmitting the characteristic of the activation signal to the optical receiver of the portable transmitter.

2. (Previously Presented) A system according to claim 1, wherein the characteristic comprises a data code configured to actuate the remote device.

3. (Original) A system according to claim 2, wherein the data code is configured to actuate a garage door opener.

4. (Original) A system according to claim 2, wherein the data code comprises a cryptographically encoded data code.

5. (Cancelled).

6. (Cancelled).

7. (Original) A system according to claim 1, wherein the portable transmitter comprises a housing configured as a keyfob.

8. (Original) A system according to claim 1, wherein the trainable transceiver is configured to store the frequency and data code of the activation signal, wherein the portable transmitter is configured to receive the frequency and data code of the retransmitted characteristics of the activation signal.

9. (Original) A system according to claim 1, wherein the trainable transceiver is further configured to receive remote keyless entry data from a remote keyless entry transmitter, to store the remote keyless entry data, and to retransmit the remote keyless entry data to the portable transmitter.

10. (Original) A system according to claim 9, wherein the remote keyless entry transmitter comprises a housing configured as a keyfob.

11. (Original) A system according to claim 1, wherein the trainable transceiver is configured to wirelessly receive an activation signal and to determine the characteristic to be stored based on the activation signal.

12. (Currently Amended) A trainable transceiver system, comprising:
- a trainable transceiver fixedly coupled to a vehicle interior element configured to receive a characteristic of an activation signal from an original transmitter for actuating a remote device, to store the characteristic of the activation signal in a memory, and to retransmit the characteristic of the activation signal via an optical signal sent from an LED; and
  - a portable transmitter configured to receive the characteristic of the activation signal from the trainable transceiver via the optical signal, to store the activation signal characteristic, and to retransmit the stored activation signal characteristic;
- wherein the trainable transceiver is configured to light the LED in response to an input signal from an operator input device and to use a radio frequency transmitter to transmit the activation signal in response to the input signal, wherein the trainable transceiver is further configured to light the LED in response to the input signal during a training process of the trainable transceiver to visually communicate information to a user of the system, and wherein the trainable transceiver is further configured to modulate the LED, while the LED is lit for visually communicating information to the user, to create a light signal having data packets for transmitting the characteristic of the activation signal to the portable transmitter.
- 13-14. (Cancelled).
15. (Previously Presented) A system according to claim 12, wherein the characteristic comprises a data code configured to actuate the remote device.
16. (Original) A system according to claim 15, wherein the data code is configured to actuate a garage door opener.
17. (Original) A system according to claim 15, wherein the data code comprises a cryptographically encoded data code.
18. (Original) A system according to claim 12, wherein the portable transmitter comprises a housing configured as a keyfob.

19. (Original) A system according to claim 12, wherein the trainable transceiver is configured to store the frequency and data code of the activation signal, wherein the portable transmitter is configured to receive the frequency and data code of the retransmitted characteristics of the activation signal.

20. (Original) A system according to claim 12, wherein the trainable transceiver is further configured to receive remote keyless entry data from a remote keyless entry transmitter, to store the remote keyless entry data, and to retransmit the remote keyless entry data to the portable transmitter.

21. (Original) A system according to claim 20, wherein the remote keyless entry transmitter comprises a housing configured as a keyfob.

22. (Original) A system according to claim 12, wherein the trainable transceiver is configured to wirelessly receive an activation signal and to determine the characteristic to be stored based on the activation signal.

23. (Currently Amended) A trainable transceiver, comprising:  
a housing fixedly coupled to a vehicle interior element;  
a control circuit coupled to the housing, the control circuit configured to receive a characteristic of an activation signal from an original transmitter for actuating a remote device and to store the characteristic in a memory; and  
an LED configured to transmit the characteristic via an optical signal to a portable device;  
wherein the control circuit is configured to light the LED in response to a user input signal from an operator input device during a training process of the trainable transceiver system to visually communicate information to a user of the system, wherein the control circuit is further configured to modulate the LED, while the LED is lit for visually communicating information to the user, to create a light signal having data packets for transmitting the characteristic of the activation signal to the portable device, wherein the control circuit is further configured to cause the transceiver to transmit the activation signal in response to the input signal from the operator input device.

24-31 (Cancelled).

32. (Cancelled).

33. (Cancelled).